

Installation Instructions

hp StorageWorks Business Copy EVA Replication License Key

Product Version: N/A

Second Edition (September 2004)

Part Number: AV-RVJGB-TE

This HP StorageWorks Business Copy (BC) for Enterprise Virtual Array (EVA) document describes how to activate the BC EVA replication license key. Refer to the license terms and conditions for specific license support, warranty, and conditions.

For the latest version of these instructions and other BC documentation, visit the BC product web site at:
<http://h18000.www1.hp.com/products/storage/software/bizcopyeva/index.html>.



© Copyright 1999–2004 Hewlett-Packard Development Company, L.P.

Hewlett-Packard Company makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Hewlett-Packard. The information contained in this document is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft is a U.S. registered trademark of Microsoft Corporation.

Hewlett-Packard Company shall not be liable for technical or editorial errors or omissions contained herein. The information is provided “as is” without warranty of any kind and is subject to change without notice. The warranties for Hewlett-Packard Company products are set forth in the express limited warranty statements for such products. Nothing herein should be construed as constituting an additional warranty.

Printed in the U.S.A.

Business Copy EVA Replication License Key Installation Instructions
Second Edition (September 2004)
Part Number: AV–RVJGB–TE

About this document

This document describes how to activate a Business Copy EVA replication license¹ key for using BC replication functionality with HP StorageWorks EVA storage systems.

This section describes the content reflected in this document, including:

- [Installation instructions information](#), page 3
- [Intended audience](#), page 3
- [Other documentation](#), page 3

Installation instructions information

These installation instructions cover the following major topics:

- [About the BC replication license key](#), page 4
- [Activating the BC replication license key](#), page 5

Intended audience

This document applies to anyone with a BC replication license key that needs to be activated.

Other documentation

Access BC technical documentation from the following:

- BC Documentation CD for customers who purchased a BC product kit.
- BC product web site, visit: <http://h18000.www1.hp.com/products/storage/software/bizcopyeva/index.html>.

To provide feedback on BC features, functionality, or documentation, send e-mail to: BCFeedback@hp.com.

1. Hereafter referred to as the BC replication license.

About the BC replication license key

The BC replication license key provides BC replication functionality (snapshot and snapclone) on EVA storage systems. This document assumes that you have:

- Read the *QuickSpecs: HP StorageWorks Business Copy EVA* document and obtained the appropriate replication license capacity tier.

For the latest QuickSpecs, visit: <http://h18006.www1.hp.com/products/storage/software/bizcopyeva/specifications.html>. The QuickSpecs also contain upgrade information.

- Obtained a BC replication license key using the *HP StorageWorks Business Copy EVA License Key Retrieval Instruction Sheet*.

See [Table 1](#) for help in resolving problems with obtaining a BC replication license key, or contact an HP representative from the list at the bottom of the License Key Renewal web site (<http://h18000.www1.hp.com/products/software/softwarekeys/index.html>).

Table 1: Troubleshooting BC replication license key retrieval

Problem	Resolution
Entering the Authorization ID at the License Key Renewal web site results in a message: Invalid Authorization ID or All license keys for this entered license Authorization ID have already been fulfilled	<ol style="list-style-type: none"> 1. Verify that the World Wide Name (WWN) was entered correctly; the WWN is case sensitive. 2. Verify that the Authorization ID was entered correctly. 3. Verify that the Authorization ID has not already been used with a different WWN by following the instructions at the License Key Renewal web site for receiving previously-issued keys. Compare the keys against your WWNs. 4. Re-enter the Authorization ID.
Lost license key.	<ol style="list-style-type: none"> 1. Enter the Authorization ID and WWN at the License Key Renewal web site. 2. Click Submit. The following message displays: All license keys for this entered license Authorization ID have been fulfilled. 3. Click Back. 4. Select the appropriate license keys from the list. 5. Click Submit. The license key is resent to you by e-mail.

Activating the BC replication license key

Complete the following procedure to activate a BC replication license key:

1. Set the default e-mail editor to an ASCII text editor.

Note: An ASCII text editor must be used when copying the BC replication license key from e-mail. Using a non-ASCII editor might embed extra characters that cause problems during license key validation.

The method to use for changing the e-mail editor varies by e-mail application. For example, use the following steps to change a Microsoft® Outlook e-mail editor to an ASCII editor:

- a. Click **Tools > Options**.
- b. Click the **Mail Format** tab.
- c. In the **Send in this message format** field, click **Plain Text**.
- d. Click **OK**.
2. Browse to the Storage Management Appliance or Storage Management Server.
3. Access the Command View EVA GUI.
4. Click **Agent Options**.
5. Click **Licensing Options**.
6. Click **Enter new license key**.
7. Open the e-mail that contains the license key information.
8. Copy *only* the second paragraph containing the license key information.

For example, the lines shown in bold typeface below represent a sample license key:

Hewlett Packard Company -- V3.5b GTLicensing Fulfillment System This message in its entirety may be placed into your license file. Use an ASCII Text Editor to avoid introducing characters which will invalidate the license file. If you have any problems installing this license key, contact the parties listed on the associated license documentation or web site.

**FEATURE HSV110-SNAPSHOT Compaq 3.0 permanent uncounted 2222222222F **
HOSTID=HSVWWN=5000-2FF2-5555-CC44 NOTICE="Authorization = \BB080CREAMER12345678, Qty
1, QM-00NOT-ZZ2.1, Business Copy 2TB \for VCS V2.0x and V3.0x LTU EVA5000"



Caution: Do not copy the introductory paragraph into Command View EVA; otherwise, the license key may not be accepted.

9. Return to the Command View EVA Enter new license key page and paste the license key information into the text box.
10. Click **Add License**.

If you have problems initializing your storage system after entering your license key, follow these steps:

- a. Verify that the WWN was entered correctly at the License Key Renewal web site.

The WWN is case sensitive. If multiple license keys were entered, verify that each license key corresponds to the correct EVA storage system WWN.

- b. In Command View EVA, verify the license key data pasted from the e-mail:
 - The license key was entered—not the Authorization ID.
 - The introductory paragraph was not included with the license key text.
 - If the license key text contains any unusual characters, make sure the e-mail editor is an ASCII editor (see [step 1](#) on page 5), and recopy the license key from the e-mail.

If problems persist, contact an HP representative from the list at the bottom of the License Key Renewal web site.